



## NOAA VIDEO DATA MANAGEMENT SYSTEM LIBRARY PILOT PROJECT

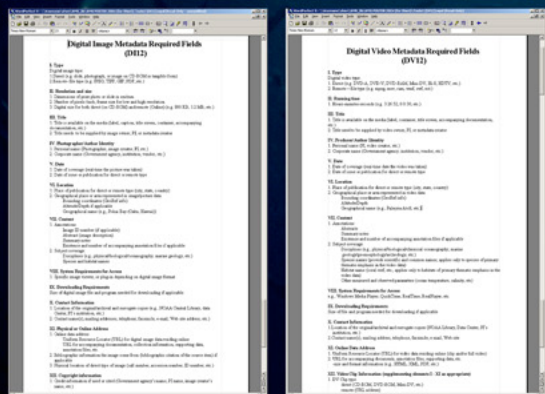
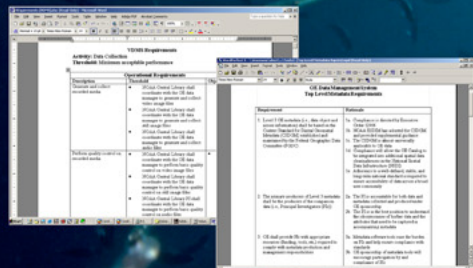
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### ABSTRACT

To address the increasing requirements for managing digital video, imagery, and audio resources, the National Oceanic and Atmospheric Administration's (NOAA) new Office of Ocean Exploration (OE), in collaboration with the NOAA Central Library (NCL), embarked on a pilot project in 2002 to explore the possibilities of providing such data for the exploration research community, educators, and the general public. Since 2003, the NCL has been developing a standardized capability for public access to video, image, and audio information from NOAA's efforts in uncovering and documenting undersea habitats and marine species. The goal is to set up a portal from which all OE video, image, and audio files will be available. Currently, access is provided through NOAA's library online catalog at URL: <http://www.lib.noaa.gov>

### VDMS Pilot Project Supporting Tools and Resources:



### Objectives of the VDMS Library Pilot Project:

1. To provide the general public with Internet access to NOAA digital video collection via multiple online applications, including:
  - NOAA's online library catalog,
  - NOAA Video Library,
  - Web portal,
  - NOAA video archives,
  - NOAA Central Library onsite service, etc.
2. Project creates opportunity for collaboration between OE staff, agency and academic scientists, IT experts and NOAA librarians.
3. Gives opportunity to organize and archive NOAA videos in all formats.

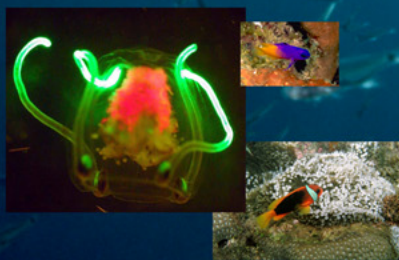


Figure 1. DV12 and DI12 are checklists which include the minimum twelve metadata elements required for creation of MARC21, Dublin Core, or FGDC metadata records to describe a digital video or image. Checklists are provided to the Principal Investigators (PIs) who contribute digital videos along with the corresponding metadata information.

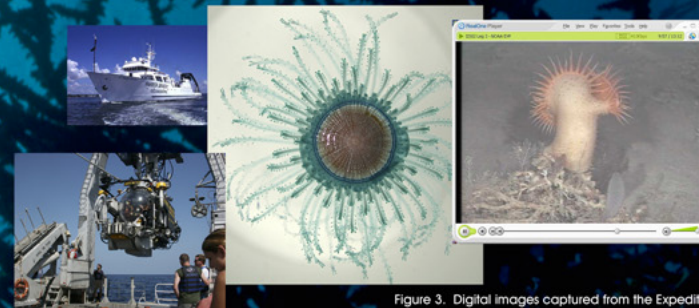
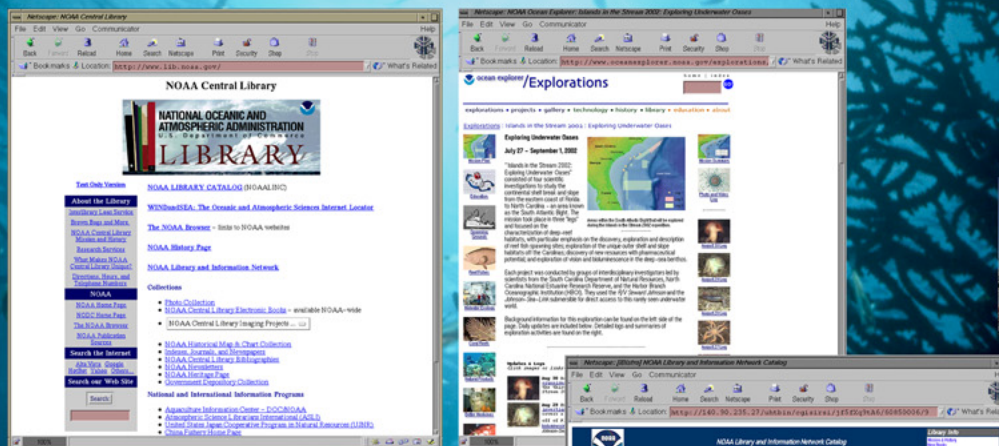


Figure 3. Digital images captured from the Expedition's video clips.



Figure 4. Mission cruise reports in PDF format.

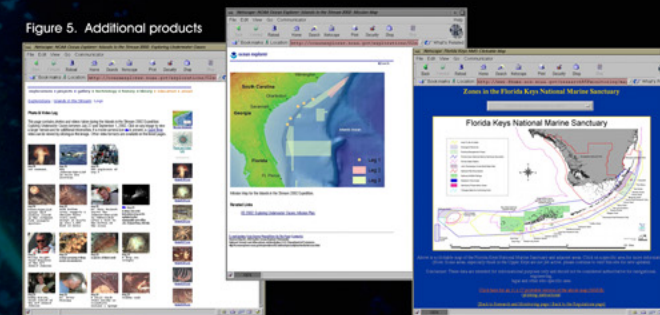


Figure 2. Library metadata record in MARC21 standard provides online access to NOAA OE digital videos/video clips, cruise reports, digital images, maps, home pages, scientific datasets, PDF documents, etc.